

Interhospital Dermatology Conference

Case 21

A 81-year-old Thai female, Bangkok.

CC :- Asymptomatic yellowish to erythematous plaques on Rt. forearm for 1 year

HPx :- 1 year PTA, she presented with two discrete ulcerated yellowish plaque on Rt. forearm. After 1 month lesions were healed with central atrophic scar, but peripheral lesion gradually spread laterally. The lesions were asymptomatic. She was treated as hypertrophic scar by intralesional steroid several times but the lesions were not improved.

PH Underlying HT for 10 years, well controlled by thiazide.

PE Old healthy female, no lymphadenopathy, no hepatosplenomegaly.

Skin well defined, 2x3 cm, reddish-orange annular plaque with central atrophy.

Investigative CBC, lipid profile, LFT, BUN, Cr, UA, CXR

Serum immunoelectrophoresis, urine immunoelectrophoresis : Pending.



Fig. 21.1

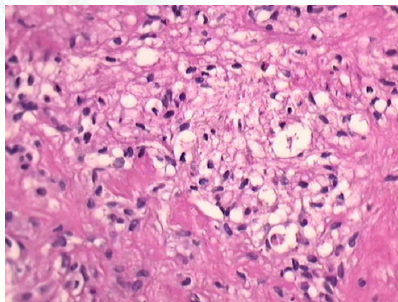


Fig. 21.2

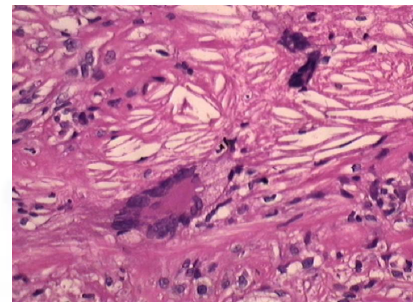


Fig. 21.3

Histopathology : Slide No. 41-1730

Palisading inflammatory cell infiltrate of histiocytes, foam cells, multinucleated giant cells admixed with some lymphocytes, plasma cells and eosinophils throughout the dermis and subcutaneous tissue.

Foci of degenerated collagen and cholesterol

No mucin deposits.

Diagnosis : Necrobiotic Xanthogranuloma

Presenter : Thitima Promsiri, M.D.

Consultant : Suthep Jirasutas, M.D.

Interhospital Dermatology Conference

References

1. Kossard S, Winkelmann RH. Necrobiotic xanthogranuloma with paraproteinemia, *J Am Acad Dermatol.* 1980;3:257-270.
2. Venencie PY, Verola O, Puissant A. Le xanthogranulome necrobiotique. *Ann Dermatol Venereol.* 1988;115:1297-1299.
3. Mehregan DA, Winkelmann RK. Necrobiotic xanthogranuloma. *Arch Dermatol.* 1992;128:94-100.
4. MacFarlane AW, Verbov JL. Necrobiotic xanthogranuloma with paraproteinaemia. *Br J Dermatol.* 1985;113:339-343.
5. Finan MC, Winkelmann RK. Histopathology of necrobiotic xanthogranuloma with paraproteinemia. *J Cutan Pathol,* 1986;14:92-99.
6. Bourlond A, Pirard C, Eggers S. Xanthogranulome necrobiotique et myelome. *Dermatologica.* 1989;179:139-172.